Contents Volume 217

Special Issue: Proceedings of a Conference on Graphs and Matrices in Honor of John Maybee

J. Richard Lundgren (Denver, Colorado)
A Brief History of John Maybee's Career 1

Charles A. Anderson (Denver, Colorado)
Loop and Cyclic Niche Graphs 5

LeRoy B. Beasley and Shumin Ye (Logan, Utah)
Linear Operators Which Preserve Sign-Nonsingular Matrices 15

Elizabeth D. Boyer and Bryan L. Shader (Laramie, Wyoming)
On Biclique Decompositions of Complete t-partite Graphs 31

R. C. Brigham (Orlando, Florida),
F. R. McMorris (Louisville, Kentucky),
and R. P. Vitray (Winter Park, Florida)
Tolerance Competition Graphs 41

Karen Casey Dargen and Kathryn Fraughnaugh (Denver, Colorado)
Conditional Chromatic Numbers With Forbidden Cycles 53

Ronald D. Dutton, Sirisha R. Medidi, and Robert C. Brigham (Orlando, Florida)
Changing and Unchanging of the Radius of a Graph 67

David C. Fisher and Richard B. Reeves (Denver, Colorado)
Optimal Strategies for Random Tournament Games 83

David C. Fisher and Jennifer Ryan (Denver, Colorado)
Tournament Games and Condorcet Voting 87

D. A. Gregory (Kingston, Ontario, Canada),
S. J. Kirkland (Regina, Saskatchewan, Canada),
and N. J. Pullman (Kingston, Ontario, Canada)
A Bound on the Exponent of a Primitive Matrix Using Boolean Rank 101

Karl Gustafson (Boulder, Colorado)
Matrix Trigonometry 117

DOUGLAS HALE (Washington, D.C.) AND
GEORGE LADY (Philadelphia, Pennsylvania)
Qualitative Comparative Statics and Audits
of Model Performance 141

CHARLES R. JOHNSON (Williamsburg, Virginia),
D. DALE OLESKY, AND P. VAN DEN DRIESSCHE
(Victoria, British Columbia, Canada)
Sign Determinancy in LU Factorization
of *P*-matrices 155

SUH-RYUNG KIM (Staten Island, New York),
TERRY A. MCKEE (Dayton, Ohio),
F. R. MCMORRIS (Louisville, Kentucky),
AND FRED S. ROBERTS (New Brunswick, New Jersey)
p-Competition Graphs 167

STEVE KIRKLAND (Regina, Saskatchewan, Canada)
Spectral Radii of Tournament Matrices Whose
Graphs Are Related by an Arc Reversal 179

J. RICHARD LUNDGREN, SARAH K. MERZ (Denver, Colorado),
JOHN S. MAYBEE (Boulder, Colorado), AND
CRAIG W. RASMUSSEN (Monterey, California)
A Characterization of Graphs With Interval
Two-Step Graphs 203

J. RICHARD LUNDGREN, SARAH K. MERZ (Denver, Colorado),
AND CRAIG W. RASMUSSEN (Monterey, California)
Chromatic Numbers of Competition Graphs 225

THOMAS LUNDY (Victoria, British Columbia, Canada),
JOHN S. MAYBEE (Boulder, Colorado), AND
ASOK K. SEN (Indianapolis, Indiana)
S-Inverse Matrices 241

FRED S. ROBERTS (New Brunswick, New Jersey)
On the Problem of Consistent Marking of a Graph 255

AUTHOR INDEX 265